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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY

Czechoslovakia

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SUBJECT

Unified Steelworks National Corpora-
tion, Plant "Poldina Hut" (Poldi Forge)
in Kladno

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NO. OF ENCLS. 2 (A)
(B) - 3 pagesDATE
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1. The "Poldina Hut" (Poldi Forge) of the Unified Steelworks National Corporation Plant in Kladno produced the following articles:
 - (a) Armor plates for tanks and armored cars. Fifteen pieces (two x two meters in area and four centimeters in thickness) were produced per shift.
 - (b) Rifle and machine gun barrels. The production capacity was 480 rifle barrels and 250 machine gun barrels per shift. These were shipped to the armament factories in Brno and Strakonice.
 - (c) Pipes for the naphtha pipe systems. Four pipes (10 meters long, 25 centimeters outside diameter and 15 centimeters inside diameter) were produced per shift. These pipes were exported to the Caucasus area of the USSR.
 - (d) Axles for automobiles, planes and ships. These were exported to the Soviet Union, China, France, Belgium, Netherlands, etc.
 - (e) "Knife steel". This extra hard steel was manufactured in round, hexagonal or square bars four meters in length and one to five centimeters in diameter. A ten-ton truck with a trailer attached took one load of these bars away each week.
 - (f) "Antikoro steel". This stainless steel was used to make knives, spoons, forks and other kitchen utensils.
 - (g) "Diadur" working knives for machine tools. "Diadur" is an extremely hard metal which was made in the factory and then coated onto the knives. The knives used in this factory were marked "Diadur 3.5" but they were of a poor quality.
 - (h) "Radem". This was a special, polished steel, made for export only.
 - (i) Airplane parts. Steel for these parts was marked, "LF". Four cylinders (50 centimeters in diameter and 130 centimeters in length) were made per shift and sent to airplane factories for finishing.
 - (j) Steam boilers
2. The Directorate is located on the factory grounds and the Director was Mr. (fmr) Ponzar, a former worker. The factory worked three shifts. There were 16,000 employees, including 15,600 skilled workers, 2,000 administrative employees and

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2,500 women. Most of the wages were on a piece-work basis with a skilled worker averaging about 28 crowns per hour. The lowest wage of an unskilled worker was about 3,500 crowns per month.

3. This factory used a great deal of old war materials which were shipped in from East Germany and melted in the blast furnaces. An armament factory in Strakonice sent two railroad cars of defective pistols every week. Nickel-manganese and a special alloy, called "rohais", were obtained from the Vitkovice Ironworks. Coal came from the "Zapotocky" mine in Kladno. All of these materials and the finished products were stored on the factory grounds. The factory had its own waterworks and power plant. The latter was built in 1947 and called "The Heart of Poldi Forge." The factory utilized electricity, steam, compressed air and gas.
4. The factory had its own railroad branch line which connected with the main railroad at the station in Kladno. The internal railroad of the factory was narrow-gauge. The factory had five modern locomotives which had been exhibited at the Prague Autumn Fair and then delivered to the Poldi factory in September 1952. In addition, the factory had three locomotives driven by naphtha, 25 narrow-gauge locomotives, 15 freight trucks (five tons each), and 20 electric lorries for intra-departmental transportation.
5. The factory had its own guard consisting of about 150 men with green uniforms and 7.65 mm pistols. The workers' militia was composed of 3,000 men equipped with rifles and pistols which they took home. The militia trained every week, sometimes driving to nearby Krivoklat forests for field exercises. They wore blue working clothes trimmed in red. There were 35 firemen and three fire engines. The firemen rotated the duty every 12 hours. There was also a first aid station which had three ambulances.
6. About 65% of the workers were card-carrying Communists. The Party held an all-factory meeting every week which had full attendance only if it was held during working hours. The younger workers were subjected to continuous political education. The workers were not satisfied with the present government but were afraid to speak about such matters. Recently (1951) many workers were arrested for disloyalty on the basis of information obtained by agents of the Party.

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- ENCLOSURE (A): Map of Kladno Showing Location Unified Steelworks, National Corporation Plant with Legend
(B): Sketch of Unified Steelworks National Corporation, Plant "Poldina Hut" (Foldi Forge), Kladno

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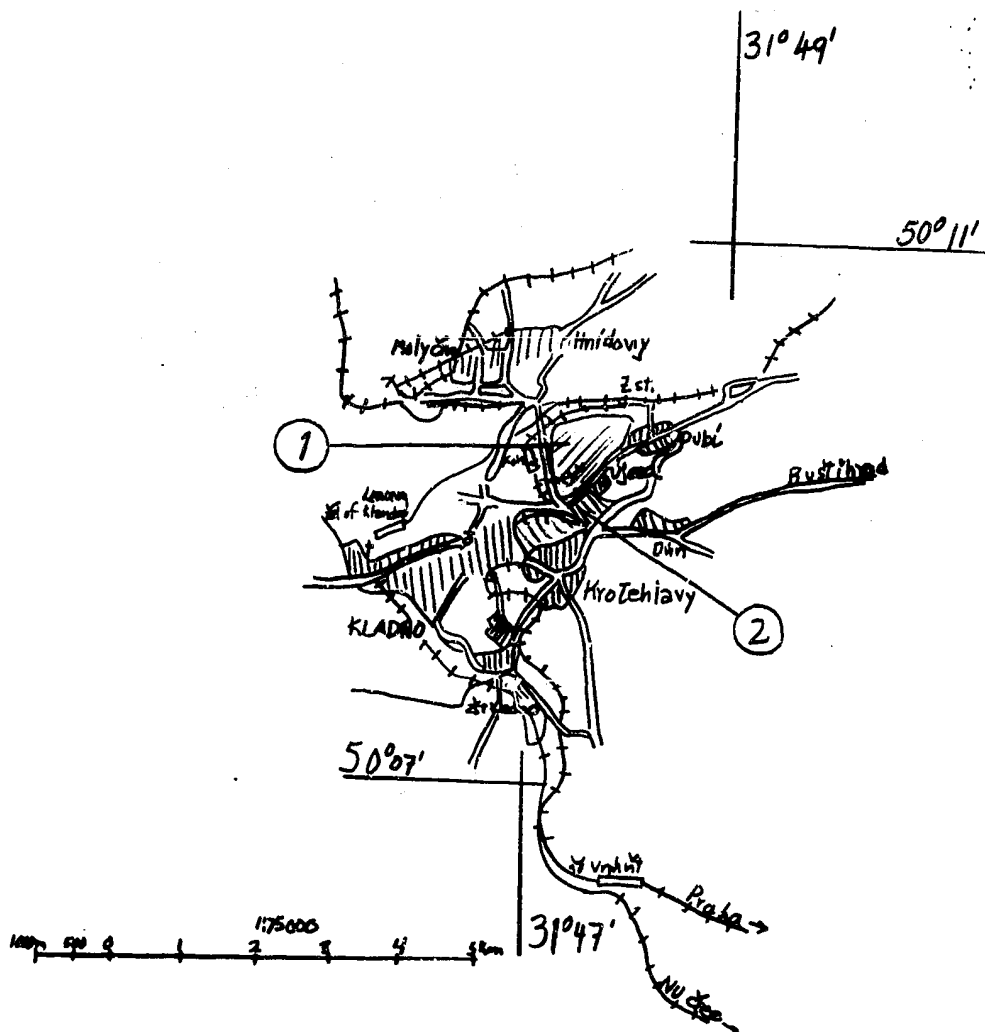
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ENCLOSURE (A)

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MAP OF Kladno showing location Unified Steelworks, National Corporation plant with legend

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Legend

- 1... Location in Kladno of the Unified Steelworks National Corporation, Plant "Poldi Forge".
- 2... Unified Steelworks, National Corporation, Plant "Konec".

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Legend

- 1... The main gate, seven meters wide, made of iron; a four-man guard is stationed at the gate
- 2... Directorate which is located in a three-story brick building with a flat roof. There are two buildings connected by a bridge at the 3rd floor. Each of the buildings is 15 x 8 meters
- 4... Mobile crane and magnet. There is a storehouse for casts beneath the crane.
- 5... Generator hall (20x12x16 meters) which is made of steel and bricks and has a sheet metal roof.
- 6... Steel and brick factory hall which contains a rolling mill. The roof is in the shape of two reversed "Ws" and is covered partly with glass and partly with coal tar.
- 6a... Steelworks No I
- 6b... Storehouse for steel and casts
- 7... A factory hall (230x40x27 meters) with a construction similar to that of the building under point 6. This hall is equipped with travelling cranes.
- 7a... Power plant
- 7b... Boiler hall where steam is made for the whole factory.
- 8... Checking stand for the bicycles of the workers
- 9... Factory hall (150x22x15 meters) with a construction similar to that under point 6. This hall is equipped with travelling cranes.
- 9a... Department for construction of armor plates
- 9b... Control workshops
- 9c... Grinding shop
- 9d... Tool shop
- 9e... Hardening shop
- 10... Gate No II 7 meters wide, made of iron. There is a brick building (6x5 meters), and a three-man guard is stationed here.
- 11... Factory hall 230x150x25 meters; construction is similar to that under point 6. The hall is equipped with travelling cranes.
- 11a... Mechanical workshop No I, where ship and automobile axles, naphtha pipes etc are manufactured
- 11b... Mechanical workshop No II where ship axles are made.
- 12... Ground floor brick building 50 x 15 x 12 meters with a coal-tar roof.
- 12a... Workshop where sheet metal is polished
- 12b... Sand pit
- 12c... Department for production of knife steel.
- 13... Hardening hall for the finished material. The roof is covered with "eternite". The size of this steel and brick building is 280 x 45 x 25 meters. The hall is equipped with travelling cranes.
- 14... Generator Hall No II, 35 x 15 x 20 meters. The construction is similar to point 13. The hall is equipped with new generators.
- 15... Workshop works located in a one-story brick building 17 x 10 meters with a flat roof.
- 16... A factory hall, 70 x 25 x 15 meters; construction is similar to point 6. In the hall there are iron forges and travelling cranes.
- 17... Old spiral workshops. A one-story brick building (20x12 meters) with a coal tar roof.
- 17a... Car-barns for locomotives
- 17b... Spiral workshops.
- 18... A factory hall (200x45x22 meters) with construction similar to that under point 6. This building is equipped with travelling cranes.
- 18a... New spiral workshops
- 18b... "Antikoro" steel production
- 18c... Boiler room
- 18d... Storehouse for electromotors.
- 19... Cleaning shop for semi-finished materials. It has a construction similar to that under point 6. The dimensions are 90x35x20 meters. The shops contain travelling cranes.
- 20... Mobile crane above the loading platform for loading and unloading material in and out of railroad cars.
- 21... New building made of steel and bricks; roof covered partly with glass and partly with coal-tar roofing. The building is 160 x 55 x 25 meters.
- 21a... Rolling Mill No 6
- 21b... Cleaning shop for semi-finished products
- 21c... Machine tool shop for semi-finished products
- 21d... Machine tool shop for cylinders
- 22... New Martin's blast furnaces. These are located in factory hall (140x40x28 meters) with a construction similar to that under point 6. The hall is equipped with travelling cranes.
- 23... Workshops for research. This building 30x17x18 meters, is made of steel and bricks and has a metal roof. The workshops are equipped with travelling cranes.
- 24... New power plant. A brick building 25x25 meters of steel construction filled with bricks. It has a flat roof. The power plant supplies the entire factory with electricity.
- 25... New rolling mill under construction. It is 270 x 90 meters with foundations which are 20 meters deep.
- 26... Gate No III. A one-story brick building 6 x 5 meters with a three-man guard.
- 27... School for apprentices. This is a one-story brick building 40 x 15 meters, with an inclined roof.
- 28... Workshops. This is a one-story brick building 57x20 meters with a flat roof.
- 29... Secret Department "diadur". A permanent guard is located here and only persons with special permits may enter. This is a two-story brick building, 25x75 meters, with a flat roof.

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- 30... Factory building. This is of a similar construction to that under point 6. The size of the building is 125 x 40 x 11 meters and it is equipped with travelling cranes.
- 30a... Cleaning shop for casts
- 30b... Shop for iron calcining
- 30c... Forge
- 31... A factory building, 170 x 37 x 12 meters with construction similar to that under point 6. It is equipped with travelling cranes.
- 31a... Grinding shop. An annex 15 x 15 x 8 meters.
- 32... Forge. This building (80x75x17 meters) is similar to that under point 6. It is equipped with travelling cranes.
- 33... Highway through the factory
- 34... A narrow-gauge railroad.
- 35... A factory railroad branch line
- 36... Asphalt state highway to Motycin
- 37... This building (170x37x12 meters) is similar to that under point 6. It is equipped with travelling cranes.
- 37a... Control section
- 37b... Rolling Mill No II
- 37c... Storehouse for chemical material used in the production of iron.
- 38... State highway, Kladno - Dubi
- 39... Unified Steelworks, National Corporation, The plant "Konev"
- 40... Dwelling houses
- 41... Fence around the factory

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